Secure Coding

Lab – 2

Name   :- A V puneeth

Reg.No :- 19BCN7041

1.How to install software silently?

```
C:\Users\T480s>msiexec /i "c:\users\Downloads\EFHSetup.msi" /qn+/norestart

C:\Users\T480s>
```

2) To know the privilege

```
C:\Users\T480s>whoami
19bcn7041\t480s
```

Net user

```
C:\Users\T480s>net user

User accounts for \\19BCN7041

-------------------------------------------------------------------------------
Administrator            DefaultAccount              Guest
T480s                    WDAGUtilityAccount
The command completed successfully.
```

3.What is the structure of your file system?

Command: tree

```
      tasks
      tmp
      vcs-users
      workspace
  .tooling
    gradle
  .VirtualBox
  .vscode
    extensions
      formulahendry.code-runner-0.11.2
        .github
          ISSUE_TEMPLATE
        images
        node_modules
          applicationinsights
            AutoCollection
            Library
            Schema
              PublicSchema
            typings
              globals
                mocha
                node
                sinon
          braces
            lib
          fill-range
          is-number
          micromatch
          picomatch
            lib
          to-regex-range
          tree-kill
          zone.js
            dist
            lib
              browser
              common
              jasmine
              mocha
              node
              zone-spec
        out
          src
        syntaxes
      ritwickdey.liveserver-5.6.1
        images
        node_modules
```

4) To know all the current file name extension associations.

Command: assoc

C:\Users\T480s>assoc

.001=WinRAR

.386=vxdfile

.3g2=WMP11.AssocFile.3G2

.3gp=WMP11.AssocFile.3GP

.3gp2=WMP11.AssocFile.3G2

.3gpp=WMP11.AssocFile.3GP

.7z=WinRAR

.AAC=WMP11.AssocFile.ADTS

.accda=Access.ACCDAExtension.14

.accdb=Access.Application.14

.accdc=Access.ACCDCFile.14

.accde=Access.ACCDEFile.14

.accdr=Access.ACCDRFile.14

.accdt=Access.ACCDTFile.14

.accdu=Access.WizardUserDataFile.14

.accdw=Access.WebApplicationReference.14

.accft=Access.ACCFTFile.14

.accountpicture-ms=accountpicturefile

.acl=ACLFile

.ade=Access.ADEFile.14

.adn=Access.BlankProjectTemplate.14

.adp=Access.Project.14

.ADT=WMP11.AssocFile.ADTS

.ADTS=WMP11.AssocFile.ADTS

.aif=WMP11.AssocFile.AIFF

.aifc=WMP11.AssocFile.AIFF

.aiff=WMP11.AssocFile.AIFF

.ani=anifile

.appcontent-ms=ApplicationContent

.application=Application.Manifest

.appref-ms=Application.Reference

.arj=WinRAR

.asa=aspfile

.asf=WMP11.AssocFile.ASF

.asp=aspfile

.asx=WMP11.AssocFile.ASX

.au=WMP11.AssocFile.AU

.avastconfig=avastconfigfile

.avastlic=avastlicfile

.avastsounds=avastsoundsfile

.avasttheme=avastthemefile

.avastvpn=avastvpnfile

.avi=WMP11.AssocFile.AVI

.aw=AWFile

.bat=batfile

.blg=Diagnostic.Perfmon.Document

.bmp=Paint.Picture

.bz=WinRAR

.bz2=WinRAR

.cab=WinRAR

.camp=campfile

.cat=CATFile

.cda=WMP11.AssocFile.CDA

.cdmp=cdmpfile

.cdx=aspfile

.cdxml=Microsoft.PowerShellCmdletDefinitionXML.1

.cer=CERFile

.chk=chkfile

.chm=chm.file

.cmd=cmdfile

.com=comfile

.compositefont=Windows.CompositeFont

.cpl=cplfile

.crl=CRLFile

.crt=CERFile

.crtx=CRTXFile

.css=CSSfile

.csv=Excel.CSV

.cur=curfile

.db=dbfile

.dctx=IMEDictionaryCompiler

.dctxc=IMEDictionaryCompiler

.dds=ddsfile

.der=CERFile

.desklink=CLSID\{9E56BE61-C50F-11CF-9A2C-00A0C90A90CE}

.deskthemepack=desktopthemepackfile

.det=Outlook.File.det.14

.diagcab=Diagnostic.Cabinet

.diagcfg=Diagnostic.Config

.diagpkg=Diagnostic.Document

.dib=Paint.Picture

.dll=dllfile

.doc=Word.Document.8

.dochtml=wordhtmlfile

.docm=Word.DocumentMacroEnabled.12

.docmhtml=wordmhtmlfile

.docx=Word.Document.12

.docxml=wordxmlfile

.dot=Word.Template.8

.dothtml=wordhtmltemplate

.dotm=Word.TemplateMacroEnabled.12

.dotx=Word.Template.12

.dqy=dqyfile

.drv=drvfile

.dsn=MSDASQL

.elm=ELMFile

.emf=emffile

.eml=Outlook.File.eml.14

.evt=evtfile

.evtx=evtxfile

.exe=exefile

.fdm=Outlook.File.fdm.14

.fig=MATLAB.fig.9.9.0

.flac=WMP11.AssocFile.FLAC

.fon=fonfile

.gcsx=GCSXFile

.gfs=GrooveStub

.gif=giffile

.glk=GrooveLinkFile

.glox=GLOXFile

.gmmp=gmmpfile

.gqsx=GQSXFile

.gra=MSGraph.Chart.8

.grp=MSProgramGroup

.grv=GrooveFile

.gsa=GrooveSpaceArchive

.gta=GrooveToolArchive

.gz=WinRAR

.hdd=progId_VirtualBox.Shell.hdd

.hlp=hlpfile

.hol=Outlook.File.hol.14

.hta=htafile

.htm=htmlfile

.html=htmlfile

.hxa=MSHelp.hxa.2.5

.hxc=MSHelp.hxc.2.5

.hxd=MSHelp.hxd.2.5

.hxe=MSHelp.hxe.2.5

.hxf=MSHelp.hxf.2.5

.hxh=MSHelp.hxh.2.5

.hxi=MSHelp.hxi.2.5

.hxk=MSHelp.hxk.2.5

.hxq=MSHelp.hxq.2.5

.hxr=MSHelp.hxr.2.5

.hxs=MSHelp.hxs.2.5

.hxt=MSHelp.hxt.2.5

.hxv=MSHelp.hxv.2.5

.hxw=MSHelp.hxa.2.5

.icc=icmfile

.icl=IconLibraryFile

.icm=icmfile

.ico=icofile

.ics=Outlook.File.ics.14

.igp=Intel.GraphicsControlPanel.igp.1

.imesx=imesxfile

.img=Windows.IsoFile

.inf=inffile

.infopathxml=InfoPath.Document.3

.ini=inifile

.ipr=IntelliJIdeaProjectFile

.iqy=iqyfile

.iso=Windows.IsoFile

.jar=jarfile

.jfif=pjpegfile

.jfr=jfrfile

.jnlp=JNLPFile

.Job=JobObject

.jod=Microsoft.Jet.OLEDB.4.0

.jpe=jpegfile

.jpeg=jpegfile

.jpg=jpegfile

.js=JSFile

.JSE=JSEFile

.jxr=wdpfile

.label=Label

.laccdb=Access.LockFile.14

.ldb=Access.LockFile.14

.lex=LEXFile

.lha=WinRAR

.library-ms=LibraryFolder

.lnk=lnkfile

.log=txtfile

.lz=WinRAR

.lzh=WinRAR

.m1v=WMP11.AssocFile.MPEG

.M2T=WMP11.AssocFile.M2TS

.M2TS=WMP11.AssocFile.M2TS

.M2V=WMP11.AssocFile.MPEG

.m3u=WMP11.AssocFile.m3u

.m4a=WMP11.AssocFile.M4A

.m4v=WMP11.AssocFile.MP4

.mad=Access.Shortcut.Module.1

.maf=Access.Shortcut.Form.1

.mag=Access.Shortcut.Diagram.1

.mam=Access.Shortcut.Macro.1

.mapimail=CLSID\{9E56BE60-C50F-11CF-9A2C-00A0C90A90CE}

.maq=Access.Shortcut.Query.1

.mar=Access.Shortcut.Report.1

.mas=Access.Shortcut.StoredProcedure.1

.mat=Access.Shortcut.Table.1

.mau=Access.Shortcut.Function.1

.mav=Access.Shortcut.View.1

.maw=Access.Shortcut.DataAccessPage.1

.mda=Access.Extension.14

.mdb=Access.MDBFile

.mdbhtml=accesshtmlfile

.mde=Access.MDEFile.14

.mdl=MATLAB.mdl.9.9.0

.mdlp=MATLAB.mdlp.9.9.0

.mdn=Access.BlankDatabaseTemplate.14

.mdt=Access.WizardDataFile.14

.mdw=Access.Workgroup.14

.mexw64=MATLAB.mexw64.9.9.0

.mgc=MediaCatalogMGC

.mht=mhtmlfile

.mhtml=mhtmlfile

.mid=WMP11.AssocFile.MIDI

.midi=WMP11.AssocFile.MIDI

.mk3d=WMP11.AssocFile.MK3D

.mka=WMP11.AssocFile.MKA

.mkv=WMP11.AssocFile.MKV

.mlapp=MATLAB.mlapp.9.9.0

.mlappinstall=MATLAB.mlappinstall.9.9.0

.mlc=LpkSetup.1

.mldatx=MATLAB.mldatx.9.9.0

.mlpkginstall=MATLAB.mlpkginstall.9.9.0

.mlproj=MATLAB.mlproj.9.9.0

.mltbx=MATLAB.mltbx.9.9.0

.mlx=MATLAB.mlx.9.9.0

.mml=MediaCatalogMML

.mmw=MediaCatalogMMW

.mn=MATLAB.mn.9.9.0

.MOD=WMP11.AssocFile.MPEG

.mov=WMP11.AssocFile.MOV

.mp2=WMP11.AssocFile.MP3

.mp2v=WMP11.AssocFile.MPEG

.mp3=WMP11.AssocFile.MP3

.mp4=WMP11.AssocFile.MP4

.mp4v=WMP11.AssocFile.MP4

.mpa=WMP11.AssocFile.MPEG

.mpe=WMP11.AssocFile.MPEG

.mpeg=WMP11.AssocFile.MPEG

.mpf=MediaPackageFile

.mpg=WMP11.AssocFile.MPEG

.mpv2=WMP11.AssocFile.MPEG

.ms-windows-store-license=WindowsStore.License

.msc=MSCFile

.msg=Outlook.File.msg.14

.msi=Msi.Package

.msp=Msi.Patch

.msrcincident=RemoteAssistance.1

.msstyles=msstylesfile

.msu=Microsoft.System.Update.1

.MTS=WMP11.AssocFile.M2TS

.mydocs=CLSID\{ECF03A32-103D-11d2-854D-006008059367}

.nfo=MSInfoFile

.nk2=Outlook.File.nk2.14

.ocx=ocxfile

.odc=odcfile

.odccubefile=odccubefile

.odcdatabasefile=odcdatabasefile

.odcnewfile=odcnewfile

.odctablefile=odctablefile

.odp=PowerPoint.OpenDocumentPresentation.12

.ods=Excel.OpenDocumentSpreadsheet.12

.odt=Word.OpenDocumentText.12

.ofs=Outlook.File.ofs.14

.oft=Outlook.File.oft.14

.ols=OfficeListShortcut

.one=OneNote.Section.1

.onepkg=OneNote.Package

.onetoc=OneNote.TableOfContents

.onetoc2=OneNote.TableOfContents.12

.opc=OPCFile

.oqy=oqyfile

.osdx=opensearchdescription

.ost=Outlook.File.ost.14

.otf=otffile

.otm=Outlook.File.otm.14

.ova=progId_VirtualBox.Shell.ova

.ovf=progId_VirtualBox.Shell.ovf

.p=MATLAB.p.9.9.0

.p10=P10File

.p12=PFXFile

.p7b=SPCFile

.p7c=certificate_wab_auto_file

.p7m=P7MFile

.p7r=P7RFile

.p7s=P7SFile

.pab=Outlook.File.pab.14

.partial=IE.AssocFile.PARTIAL

.pbk=pbkfile

.pcb=PCBFile

.perfmoncfg=Diagnostic.Perfmon.Config

.pfm=pfmfile

.pfx=PFXFile

.pif=piffile

.pko=PKOFile

.pnf=pnffile

.png=pngfile

.pot=PowerPoint.Template.8

.pothtml=powerpointhtmltemplate

.potm=PowerPoint.TemplateMacroEnabled.12

.potx=PowerPoint.Template.12

.ppa=PowerPoint.Addin.8

.ppam=PowerPoint.Addin.12

.ppk=PPK_Assoc_ProgId

.ppkg=Microsoft.ProvTool.Provisioning.1

.pps=PowerPoint.SlideShow.8

.ppsm=PowerPoint.SlideShowMacroEnabled.12

.ppsx=PowerPoint.SlideShow.12

.ppt=PowerPoint.Show.8

.ppthtml=powerpointhtmlfile

.pptm=PowerPoint.ShowMacroEnabled.12

.pptmhtml=powerpointmhtmlfile

.pptx=PowerPoint.Show.12

.pptxml=powerpointxmlfile

.prf=prffile

.printerExport=brmFile

.ps1=Microsoft.PowerShellScript.1

.ps1xml=Microsoft.PowerShellXMLData.1

.psc1=Microsoft.PowerShellConsole.1

.psd1=Microsoft.PowerShellData.1

.psm1=Microsoft.PowerShellModule.1

.pssc=Microsoft.PowerShellSessionConfiguration.1

.pst=Outlook.File.pst.14

.pub=Publisher.Document.14

.pubhtml=publisherhtmlfile

.pubmhtml=publishermhtmlfile

.pwz=PowerPoint.Wizard.8

.py=PyCharmCE2019.2

.pyc=Python.CompiledFile

.pyd=Python.Extension

.pyo=Python.CompiledFile

.pyw=Python.NoConFile

.pyz=Python.ArchiveFile

.pyzw=Python.NoConArchiveFile

.qds=SavedDsQuery

.r00=WinRAR

.r01=WinRAR

.r02=WinRAR

.r03=WinRAR

.r04=WinRAR

.r05=WinRAR

.r06=WinRAR

.r07=WinRAR

.r08=WinRAR

.r09=WinRAR

.r10=WinRAR

.r11=WinRAR

.r12=WinRAR

.r13=WinRAR

.r14=WinRAR

.r15=WinRAR

.r16=WinRAR

.r17=WinRAR

.r18=WinRAR

.r19=WinRAR

.r20=WinRAR

.r21=WinRAR

.r22=WinRAR

.r23=WinRAR

.r24=WinRAR

.r25=WinRAR

.r26=WinRAR

.r27=WinRAR

.r28=WinRAR

.r29=WinRAR

.rar=WinRAR

.rat=ratfile

.RData=RWorkspace

.RDP=RDP.File

.reg=regfile

.rels=xmlfile

.req=MATLAB.req.9.9.0

.resmoncfg=Diagnostic.Resmon.Config

.rev=WinRAR.REV

.rle=rlefile

.rll=dllfile

.rmi=WMP11.AssocFile.MIDI

.Rproj=RStudio.Rproj

.rqy=rqyfile

.rtf=Word.RTF.8

.sbproj=MATLAB.sbproj.9.9.0

.scf=SHCmdFile

.scp=txtfile

.scr=scrfile

.sct=scriptletfile

.sdf=Microsoft SQL Server Compact Edition Database File

.search-ms=SearchFolder

.searchConnector-ms=SearchConnectorFolder

.settingcontent-ms=SettingContent

.sfcache=RDBFileProperties.1

.sfx=MATLAB.sfx.9.9.0

.shtml=shtmlfile

.sldd=MATLAB.sldd.9.9.0

.slddc=MATLAB.slddc.9.9.0

.sldm=PowerPoint.SlideMacroEnabled.12

.sldx=PowerPoint.Slide.12

.slk=Excel.SLK

.slmx=MATLAB.slmx.9.9.0

.slreqx=MATLAB.slreqx.9.9.0

.sltx=MATLAB.sltx.9.9.0

.slx=MATLAB.slx.9.9.0

.slxc=MATLAB.slxc.9.9.0

.slxp=MATLAB.slxp.9.9.0

.snd=WMP11.AssocFile.AU

.spc=SPCFile

.spl=ShockwaveFlash.ShockwaveFlash

.ssc=MATLAB.ssc.9.9.0

.sst=CertificateStoreFile

.svg=svgfile

.svgz=svgzfile

.swf=ShockwaveFlash.ShockwaveFlash

.symlink=.symlink

.sys=sysfile

.tar=WinRAR

.taz=WinRAR

.tbz=WinRAR

.tbz2=WinRAR

.tgz=WinRAR

.theme=themefile

.themepack=themepackfile

.thmx=OfficeTheme.12

.tif=TIFImage.Document

.tiff=TIFImage.Document

.tlz=WinRAR

.TS=WMP11.AssocFile.TTS

.ttc=ttcfile

.ttf=ttffile

.TTS=WMP11.AssocFile.TTS

.txt=txtfile

.txz=WinRAR

.UDL=MSDASC

.URL=InternetShortcut

.uu=WinRAR

.uue=WinRAR

.uxdc=UXDCFILE

.VBE=VBEFile

.vbox=progId_VirtualBox.Shell.vbox

.vbox-extpack=progId_VirtualBox.Shell.vbox-extpack

.vbs=VBSFile

.vcf=Outlook.File.vcf.14

.vcg=GrooveVCard

.vcs=Outlook.File.vcs.14

.vdi=progId_VirtualBox.Shell.vdi

.vdx=VisioViewer.Viewer

.vhd=progId_VirtualBox.Shell.vhd

.vhdpmem=Windows.VhdPmemFile

.vhdx=Windows.VhdFile

.vmdk=progId_VirtualBox.Shell.vmdk

.vnc=VNC.ConnectionInfo

.vsd=VisioViewer.Viewer

.vss=VisioViewer.Viewer

.vst=VisioViewer.Viewer

.vsto=bootstrap.vsto.1

.vsx=VisioViewer.Viewer

.vtx=VisioViewer.Viewer

.vxd=vxdfile

.wab=wab_auto_file

.wav=WMP11.AssocFile.WAV

.wax=WMP11.AssocFile.WAX

.wbcat=wbcatfile

.wbk=Word.Backup.8

.wcx=wcxfile

.wdp=wdpfile

.webpnp=webpnpFile

.website=Microsoft.Website

.wfp=WFPFile

.wiz=Word.Wizard.8

.wizhtml=accessthmltemplate

.wll=Word.Addin.8

.wm=WMP11.AssocFile.ASF

.wma=WMP11.AssocFile.WMA

.WMD=WMP11.AssocFile.WMD

.wmdb=WMP.WMDBFile

.wmf=wmffile

.WMS=WMP11.AssocFile.WMS

.wmv=WMP11.AssocFile.WMV

.wmx=WMP11.AssocFile.ASX

.wmz=WMP11.AssocFile.WMZ

.wpl=WMP11.AssocFile.WPL

.wsc=scriptletfile

.WSF=WSFFile

.WSH=WSHFile

.wtx=txtfile

.wvx=WMP11.AssocFile.WVX

.xaml=Windows.XamlDocument

.xapk=BlueStacks.Xapk

.xbap=Windows.Xbap

.xevgenxml=XEV.GenericApp

.xht=xhtmlfile

.xhtml=xhtmlfile

.xla=Excel.Addin

.xlam=Excel.AddInMacroEnabled

.xld=Excel.Dialog

.xlk=Excel.Backup

.xll=Excel.XLL

.xlm=Excel.Macrosheet

.xls=Excel.Sheet.8

.xlsb=Excel.SheetBinaryMacroEnabled.12

.xlshtml=Excelhtmlfile

.xlsm=Excel.SheetMacroEnabled.12

.xlsmhtml=excelmhtmlfile

.xlsx=Excel.Sheet.12

.xlt=Excel.Template.8

.xlthtml=Excelhtmltemplate

.xltm=Excel.TemplateMacroEnabled

.xltx=Excel.Template

.xlw=Excel.Workspace

.xlxml=Excelxmlss

.xml=xmlfile

.xrm-ms=MSSppLicenseFile

.xsf=InfoPath.SolutionManifest.3

.xsl=xslfile

.xsn=InfoPath.Solution.3

.xtp=XTPFile

.xtp2=XTP2File

.xxe=WinRAR

.xz=WinRAR

.z=WinRAR

.ZFSendToTarget=CLSID\{888DCA60-FC0A-11CF-8F0F-00C04FD7D062}
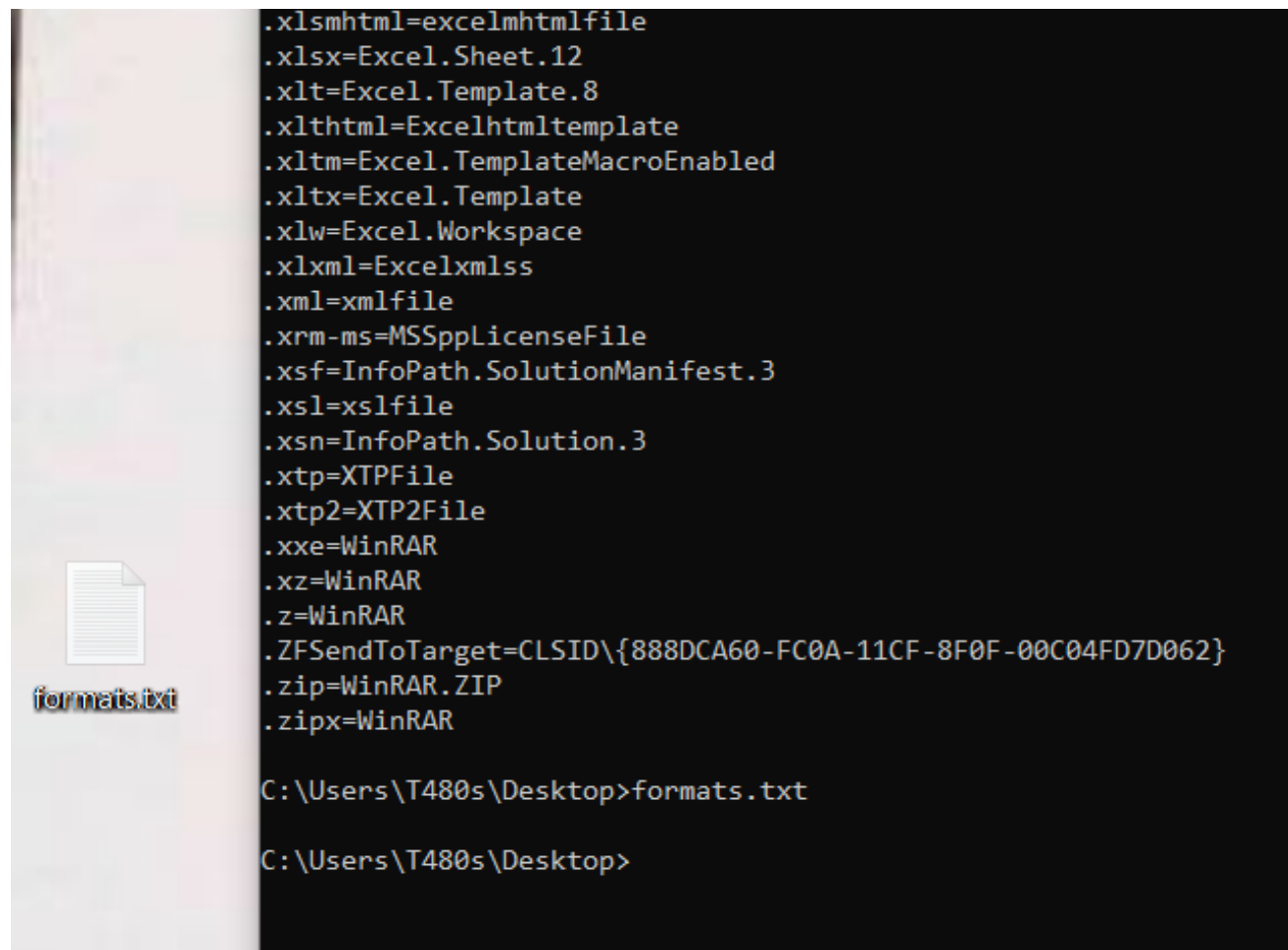
.zip=WinRAR.ZIP

.zipx=WinRAR

5.How to change Time?

```
C:\Users\T480s>time
The current time is: 12:51:19.40
Enter the new time:
```
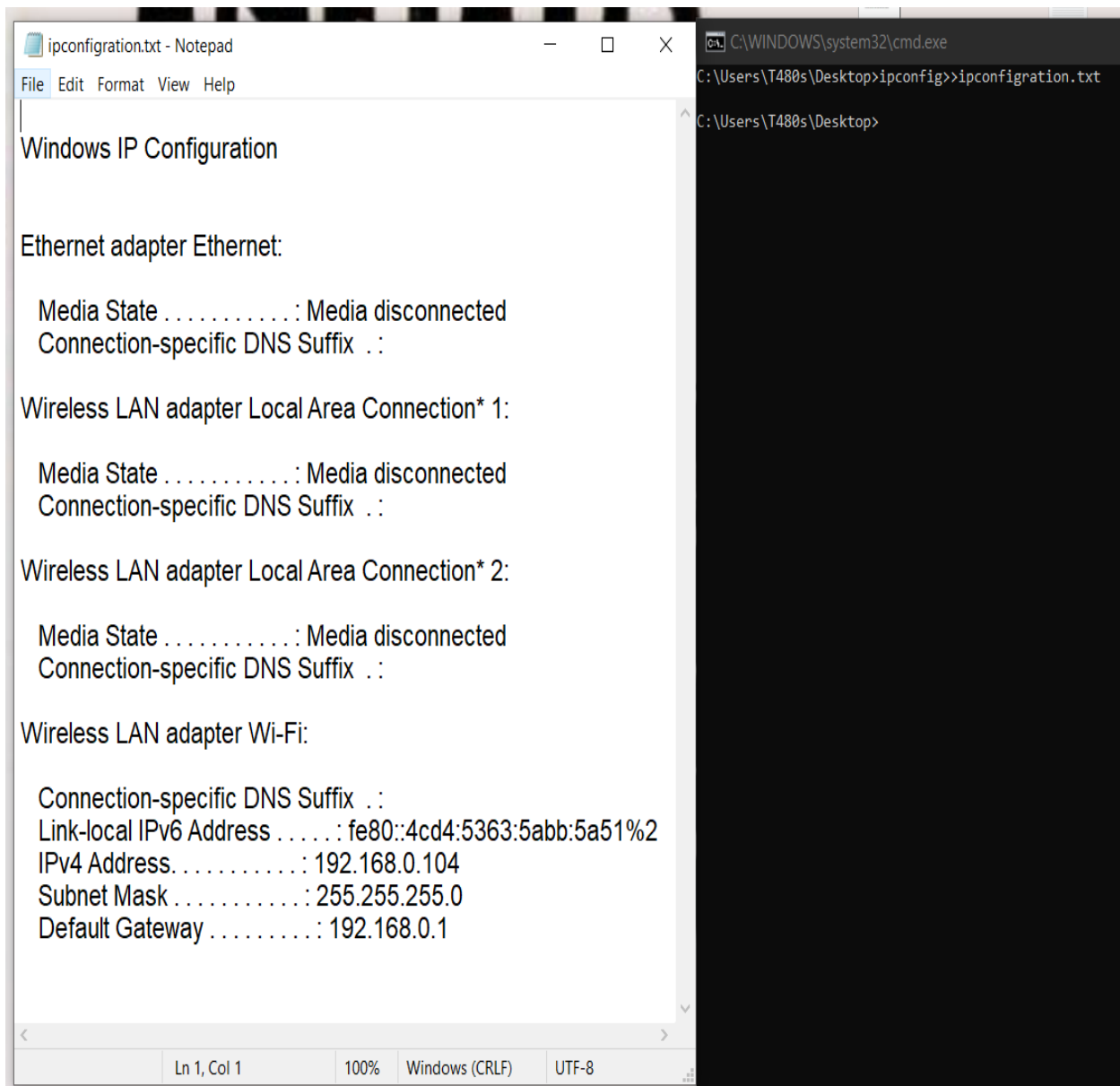
6.assoc>formats.txt

```
.xlsmhtml=excelmhtmlfile
.xlsx=Excel.Sheet.12
.xlt=Excel.Template.8
.xlthtml=Excelhtmltemplate
.xltm=Excel.TemplateMacroEnabled
.xltx=Excel.Template
.xlw=Excel.Workspace
.xlxml=Excelxmlss
.xml=xmlfile
.xrm-ms=MSSppLicenseFile
.xsf=InfoPath.SolutionManifest.3
.xsl=xslfile
.xsn=InfoPath.Solution.3
.xtp=XTPFile
.xtp2=XTP2File
.xxe=WinRAR
.xz=WinRAR
.z=WinRAR
.ZFSendToTarget=CLSID\{888DCA60-FC0A-11CF-8F0F-00C04FD7D062}
.zip=WinRAR.ZIP
.zipx=WinRAR

C:\Users\T480s\Desktop>formats.txt

C:\Users\T480s\Desktop>
```

7.ipconfig>>ipcinfigration.txt

ipconfiguration.txt - Notepad

File   Edit   Format   View   Help

Windows IP Configuration

Ethernet adapter Ethernet:

   Media State . . . . : Media disconnected
   Connection-specific DNS Suffix . :

Wireless LAN adapter Local Area Connection* 1:

   Media State . . . . : Media disconnected
   Connection-specific DNS Suffix . :

Wireless LAN adapter Local Area Connection* 2:

   Media State . . . . : Media disconnected
   Connection-specific DNS Suffix . :

Wireless LAN adapter Wi-Fi:

   Connection-specific DNS Suffix . :
   Link-local IPv6 Address . . . . . : fe80::4cd4:5363:5abb:5a51%2
   IPv4 Address. . . . . : 192.168.0.104
   Subnet Mask . . . . : 255.255.255.0
   Default Gateway . . . . : 192.168.0.1

Ln 1, Col 1   100%   Windows (CRLF)   UTF-8

C:\WINDOWS\system32\cmd.exe

C:\Users\T480s\Desktop>ipconfig>>ipconfigration.txt

C:\Users\T480s\Desktop>

For Sorting

dir | sort

```
C:\Users\T480s\Desktop>dir | sort


              10 Dir(s)  91,137,576,960 bytes free
              10 File(s)       3,151,029 bytes
 Directory of C:\Users\T480s\Desktop
 Volume in drive C has no label.
 Volume Serial Number is A4D9-FB3B
04/02/2021  08:59 AM                 290,737 2021-02-04.png
04/02/2021  09:43 AM                 111,891 win sem timetable.png
05/02/2021  05:27 PM                  13,481 DAA_19BCN7041.docx
08/11/2020  09:14 PM     <DIR>               FALL 20-21
09/02/2021  04:14 PM                  24,597 CN LAB-2.docx
17/02/2021  04:04 PM                   3,647 Cselab.txt
18/02/2021  11:00 AM               1,674,263 sclab1.pdf
19/01/2021  05:09 AM     <DIR>               DESKTOP PDFS
26/02/2021  11:53 AM     <DIR>               CN LAB
26/02/2021  11:54 AM     <DIR>               DBMS LAB
26/02/2021  11:56 AM     <DIR>               DAA LAB
26/02/2021  11:56 AM     <DIR>               SC LAB
26/02/2021  11:58 AM     <DIR>               WT LAB
26/02/2021  12:12 PM     <DIR>               WIN 20-21
26/02/2021  12:20 PM               1,031,645 sclab2.pdf
26/02/2021  12:31 PM                       0 19BCN7041_SCLAB2.docx
26/02/2021  12:54 PM                       0 formats.txt
26/02/2021  12:56 PM                     768 ipconfigration.txt
26/02/2021  12:56 PM     <DIR>               .
26/02/2021  12:56 PM     <DIR>               ..
```

7.pushd , popd

```
C:\Users\T480s\Desktop>cd ..

C:\Users\T480s>cd ..

C:\Users>cd ..

C:\>pushd c:\users\T480s

c:\Users\T480s>popd

C:\>
```

Directories:

- Changing directory → cd
- Changing drive path → drive:
- Switching to other drive/<directory> → cd /d <drive:\<path>>
- Creating new directory → mkdir/md
- Renaming directory → ren
- Copying files → copy
- Deleting files → del
- Copying directories → ??
- Deleting directories → rd

```
C:\Users\T480s>cd desktop

C:\Users\T480s\Desktop>cd 19bcn7041
The system cannot find the path specified.

C:\Users\T480s\Desktop>cd 19bcn7041

C:\Users\T480s\Desktop\19bcn7041>cd /d C:\Users\T480s\Desktop

C:\Users\T480s\Desktop>mkdir securecoding

C:\Users\T480s\Desktop>rename fda.docx fda1

C:\Users\T480s\Desktop>copy fda1
The file cannot be copied onto itself.
        0 file(s) copied.

C:\Users\T480s\Desktop>copy fda1 lab
        1 file(s) copied.

C:\Users\T480s\Desktop>del lab
```

How to delete file:

```
C:\Users\T480s\Desktop>rd securecoding
The directory is not empty.

C:\Users\T480s\Desktop>del securecoding
C:\Users\T480s\Desktop\securecoding\*, Are you sure (Y/N)?
C:\Users\T480s\Desktop\securecoding\*, Are you sure (Y/N)? y

C:\Users\T480s\Desktop>securecoding
'securecoding' is not recognized as an internal or external command,
operable program or batch file.
```